

In re: David Dodge
Filed: January 30, 2001
Serial No.: 09/774,351
Page 2

prejudice.

Replace claims 3, 7, 8, 15, 19 and 20 as follows:

3. A ski binding for use with a ski or a ski board comprising:
 - a) a static plate capable of being attached to said ski or ski board;
 - b) a top plate pivotally attached to the static plate;
 - c) biasing means for biasing the top plate towards a predetermined position;
 - d) a toe holding means pivotably connected on the top plate so that a lateral force applied to the toe holding means is transferred to the top plate, having toe release means which will release when the toe holding means pivot and for pivoting the heel holding means when the top plate is moved away from the predetermined position.
7. A ski binding as described in claim 3, where the biasing means comprise a first cam.
8. A ski binding as described in claim 21, wherein the biasing means comprise a first cam.

In re: David Dodge
Filed: January 30, 2001
Serial No.: 09/774,351
Page 3

15. A ski binding for use with a ski or a ski board comprising:

- a) a static plate capable of being attached to said ski or ski board;
- b) a top plate pivotally attached to the static plate;
- c) biasing means for biasing the top plate towards a predetermined position;
- d) a toe holding means translatable connected to the top plate so that lateral force applied to the toe holding means is transferred to the top plate, having toe release means which will release when the toe holding means is translated.

19. A ski binding as described in claim 15, where the biasing means comprises a first cam.

20. A ski binding as described in claim 16, where the biasing means comprises a first cam.

In re: David Dodge
Filed: January 30, 2001
Serial No.: 09/774,351
Page 4

Add the following new claims 21-44:

21. A ski binding as described in claim 3, further comprising a heel holding means pivotally connected on the top plate so that a lateral force applied to the heel holding means is transferred to the top plate which will cause the heel holding means to pivot.
22. A ski binding as described in claim 21 wherein the base plate is attached to the ski in the central portion of the base plate.
23. A ski binding as claimed in claim 7, wherein said biasing means further comprise a second cam.
24. A ski binding as claimed in claim 8, wherein said biasing means further comprise a second cam.
25. A ski binding as claimed in claim 23 wherein the force required to operate the first cam is different from the force required to operate the second cam.

In re: David Dodge
Filed: January 30, 2001
Serial No.: 09/774,351
Page 5

26. A ski binding as claimed in claim 24 wherein the force required to operate the first cam is different from the force required to operate the second cam.
27. A ski binding as claimed in claim 7 wherein said first cam comprises a cam follower, a first cam surface on which said cam follower may travel if a lateral force having a first direction is applied thereon and a second cam surface on which said cam follower may travel if a lateral force having a second direction is applied thereon.
28. A ski binding as claimed in claim 8 wherein said first cam comprises a cam follower, a first cam surface on which said cam follower may travel if a lateral force having a first direction is applied thereon and a second cam surface on which said cam follower may travel if a lateral force having a second direction is applied thereon.
29. A ski binding as claimed in claim 28 wherein said first cam surface is symmetric to said second cam surface.

In re: David Dodge
Filed: January 30, 2001
Serial No.: 09/774,351
Page 6

30. A ski binding as claimed in claim 28 wherein said first cam surface is not symmetric to said second cam surface.
31. A ski binding as claimed in claim 19, wherein said biasing means further comprise a second cam.
32. A ski binding as claimed in claim 20, wherein said biasing means further comprise a second cam.
33. A ski binding as claimed in claim 31 wherein the force required to operate the first cam is different from the force required to operate the second cam.
34. A ski binding as claimed in claim 32 wherein the force required to operate the first cam is different from the force required to operate the second cam.
35. A ski binding as claimed in claim 19 wherein said first cam comprises a cam follower, a first cam surface on which said cam follower may travel if a lateral force having a first direction is applied thereon and a second cam surface on

In re: David Dodge
Filed: January 30, 2001
Serial No.: 09/774,351
Page 7

which said cam follower may travel if a lateral force having a second direction is applied thereon.

36. A ski binding as claimed in claim 20 wherein said first cam comprises a cam follower a first cam surface on which said cam follower may travel if a lateral force having a first direction is applied thereon and a second cam surface on which said cam follower may travel if a lateral force having a second direction is applied thereon.
37. A ski binding as claimed in claim 36 wherein said first cam surface is symmetric to said second cam surface.
38. A ski binding as claimed in claim 36 wherein said first cam surface is not symmetric to said second cam surface.

In re: David Dodge
Filed: January 30, 2001
Serial No.: 09/774,351
Page 8

39. A ski binding comprising:

- a) a rigid static base plate;
- b) a top plate pivotally attached to the base plate;
- c) toe holding means mounted on said top plate;
- d) heel holding means mounted on said top plate;
- e) means to mount said base plate on said ski at or near the longitudinal center of said base plate;
- f) first pivot means located between said center and said toe holding means adapted to allow said top plate to pivot around said first pivot means.

40. A ski binding as claimed in claim 39, further comprising second pivot means located between said center and said heel holding means adapted to allow said top plate to pivot around said second pivot means.

41. A ski binding as claimed in claim 40, wherein said toe holding means are pivotally mounted to said top plate.

42. A ski binding as claimed in claim 41 wherein said heel holding means are pivotally mounted to said top plate.

In re: David Dodge
Filed: January 30, 2001
Serial No.: 09/774,351
Page 9

43. A binding for mounting a ski boot to a ski, said binding comprising:

- a) a plate over which said ski boot may be placed;
- b) first pivot means to pivotally attach said plate to said ski;
- c) toe holding means having a toe holding surface;
- d) second pivot means to pivotally attach said toe holding means on said plate wherein said second pivot means are located at or rearwardly from said boot holding surface.

44. A binding as claimed in claim 43, further comprising heel holding means and third pivot means to pivotally attach said heel holding means on said plate.